

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	15	345/95.ccls. and (cholesteric or bistable or bi-stable).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 14:47
L7	6	345/95.ccls. and (cholesteric or bistable or bi-stable).ti. and ("one second" or "1 second")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 14:48
S1	2	("20050116908").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/18 11:23
S2	2	("20020005827").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:23
S3	2	("6154190").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/18 13:57
S4	1	345/106.ccls. and cholesteric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/18 13:58
S5	2	"6774880".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/18 14:06
S6	7	("3902185"   "5315410"   "6452576"   "6600473").PN. OR ("6774880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 14:20
S7	1	"6639637".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 14:28
S8	45	345/106.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 14:35
S9	2	"3401262".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 14:35
S10	28	("3401262").URPN.	USPAT	OR	OFF	2007/07/18 14:36
S11	18	("20010007484"   "20020005827"   "20020012042"   "3401262"   "3578844"   "3789225"   "4649517"   "4752820"   "5437811"   "5695682"   "5920364"   "6201587"   "6204899"   "6285422"   "6423368").PN. OR ("6885409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 14:59
S12	11	("3114836"   "3133194"   "3331688"   "3401262"   "3438022"   "3666948").PN. OR ("4367407").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:12
S13	792	346/107.1,76.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:13

## EAST Search History

S14	1	S13 and cholesteric	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:13
S15	5	S13 and "liquid crystal"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:13
S16	16	("3397313"   "3401262"   "3410999"   "3441513").PN. OR ("3569709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:14
S17	7	("3902185"   "5315410"   "6452576"   "6600473").PN. OR ("6774880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/18 15:38
S18	7	("3902185"   "5315410"   "6452576"   "6600473").PN. OR ("6774880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 08:35
S19	18	("5112710"   "5131377"   "5313321"   "5394225"   "5408341"   "5536933"   "5740494"   "5800950"   "5864166"   "5900767"   "5985499"   "6133894"   "6239514"   "6266039"   "6333439").PN. OR ("6600473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 08:39
S20	17	("4902107").PN. OR ("5408341").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 08:44
S21	7	("3902185"   "5315410"   "6452576"   "6600473").PN. OR ("6774880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:03
S22	18	("20010007484"   "20020005827"   "20020012042"   "3401262"   "3578844"   "3789225"   "4649517"   "4752820"   "5437811"   "5695682"   "5920364"   "6201587"   "6204899"   "6285422"   "6423368").PN. OR ("6885409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:15
S23	3	("2002/0012042").URPN.	USPAT	OR	OFF	2007/07/24 09:15
S24	31	("3894794"   "4514045"   "4581317"   "4622654").PN. OR ("4752820").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:21
S25	12	("3789225"   "3947375"   "4150396"   "4477151"   "4550980"   "4606613"   "4653867"   "4675699"   "4752820"   "4770499"   "4799770"   "4829509").PN. OR ("5080467").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:35
S26	17	("3851318"   "3980476"   "4396997"   "4430650").PN. OR ("4675699").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:38
S27	16	("3796999"   "4031529"   "4240712"   "4477151"   "4500878"   "4595260"   "4675699"   "4701029"   "4702558"   "4799770").PN. OR ("5040879").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:44
S28	9	("3796999").PN. OR ("4240712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:53
S29	92	349/22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 09:53
S30	263	(biphenyl near3 "liquid crystal") and cholesteric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 09:36
S31	2	("20020005827").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 09:37

## EAST Search History

S32	0	(biphenyl same S31) and "liquid crystal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 09:37
S33	22	(biphenyl same "s2") and "liquid crystal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:45
S34	30	("3972588") or ("6154190") or ("2002005827") or ("3401262") or ("3578844") or ("3789225") or ("5437811") or ("6268840") or ("5695682") or ("6423368") or ("6639637")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:50
S35	1	345/106.ccls. and cholesteric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:50
S36	56	345/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:54
S37	566	349/20-22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:54
S38	136	S37 and cholesteric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:54
S39	86	S37 and cholesteric and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 13:55
S40	16	("3796999"   "4031529"   "4240712"   "4477151"   "4500878"   "4595260"   "4675699"   "4701029"   "4702558"   "4799770").PN. OR ("5040879").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 14:05
S41	56	("3655269").PN. OR ("3796999").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 14:10
S42	610	"polymer dispersed" same cholesteric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:35

## EAST Search History

S43	67	"polymer dispersed" same cholesteric same advantage\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:26
S44	2	"5695682".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:27
S45	4	((("4671618") or ("4673255") or ("4685771"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:27
S46	90	"polymer dispersed" same cholesteric same gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 08:35
S47	28	cholesteric and bipolar same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 09:07
S48	8	cholesteric and bipolar same "duty cycle"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 09:10
S49	2	"20030206147"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 09:10
S50	2	("2003/0206147").URPN.	USPAT	OR	OFF	2007/07/26 09:42
S51	14	("20020186182"   "20030122758"   "20030169221"   "20040125056"   "4435047"   "5251048"   "5437811"   "5503952"   "5644330"   "5748277"   "6154190"   "6198466"   "6268840"   "6518944").PN. OR ("6894668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 09:43
S52	1	("2003/0122758").URPN.	USPAT	OR	OFF	2007/07/26 09:50
S53	46	345/95.ccls. and (cholesteric or bistable) and zero	USPAT	OR	OFF	2007/07/26 09:51
S54	46	345/95.ccls. and (cholesteric or bistable) and zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 09:51
S55	18	("20010007484"   "20020005827"   "20020012042"   "3401262"   "3578844"   "3789225"   "4649517"   "4752820"   "5437811"   "5695682"   "5920364"   "6201587"   "6204899"   "6285422"   "6423368").PN. OR ("6885409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 10:57

## EAST Search History

S56	26	("20020005827"   "20020012042"   "20030222139"   "20040044709"   "20050030158"   "20050104806"   "3401262"   "4752820"   "5055662"   "5193201"   "5437811"   "5448226"   "5695682"   "5751257"   "5771005"   "5861817"   "6130603"   "6155487"   "6186555"   "6269342"   "6394870"   "6423368"   "6639637"   "6885409"   "6908033").PN. OR ("7131584").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/26 13:29
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